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- 2 **ACWI** – Advisory Committee on Water Information  
3 **ACF** – Apalachicola-Chattahoochee-Flint Basin  
4 **ACUPCC** – American College and University Presidents’ Climate Commitment  
5 **AFRI** – Agriculture and Food Research Initiative  
6 **AgMIP** – Agricultural Model Intercomparison and Improvement Project  
7 **AMAP** – Arctic Monitoring and Assessment Programme  
8 **AR4** – IPCC Fourth Assessment Report  
9 **AR5** – IPCC Fifth Assessment Report  
10 **ASHRAE** – American Society of Heating, Refrigerating and Air conditioning Engineers  
11 **BLM** – Bureau of Land Management  
12 **C2ES** - Center for Climate and Energy Solutions  
13 **CCHHG** – Climate Change and Human Health Group of the USGCRP  
14 **CDC** – Centers for Disease Control and Prevention  
15 **CDP** – Carbon Disclosure Project  
16 **CDR** – Carbon Dioxide Removal  
17 **CCSP** – Climate Change Science Program  
18 **CENRS** – Committee on Environment, Natural Resources, and Sustainability  
19 **CEQ** – Council on Environmental Quality  
20 **CICS – NC** – Cooperative Institute for Climate and Satellites, North Carolina  
21 **CISA** – Carolinas Integrated Sciences and Assessments  
22 **CLIMAS** – Climate Assessment for the Southwest  
23 **CLIVAR** – Climate Variability and Prediction  
24 **CMIP3** – Third-phase Coupled Model Intercomparison Project  
25 **CMIP5** – Fifth-phase Coupled Model Intercomparison Project  
26 **CO<sub>2</sub>** – Carbon Dioxide  
27 **COP** – Conference of Parties  
28 **CSC** – Climate Science Centers  
29 **DARPA** – Defense Advanced Research Projects Agency  
30 **DHS** – Department of Homeland Security  
31 **DIVERSITAS** – International Program of Biodiversity Science  
32 **DMS** – Digital Mapping System  
33 **DMUU** – Decision Making Under Uncertainty  
34 **DOC** – Department of Commerce  
35 **DoD** – Department of Defense  
36 **DOE** – Department of Energy  
37 **DOI** – Department of the Interior  
38 **DOS** – Department of State  
39 **DOT** – Department of Transportation  
40 **EaSM** – Earth System Models  
41 **EIA** – Energy Information Agency  
42 **ENSO** – El Niño-Southern Oscillation  
43 **EO** - Executive Order  
44 **EPA** – Environmental Protection Agency  
45 **ERS** – Economic Research Service

1	<b>ESM</b> – Earth System Modeling
2	<b>FAA</b> – Federal Aviation Administration
3	<b>FACA</b> – Federal Advisory Committee Act
4	<b>FAO</b> – Food and Agriculture Organization
5	<b>FEMA</b> – Federal Emergency Management Agency
6	<b>FEWS</b> – Famine Early Warning Systems
7	<b>FIA</b> – Forest Inventory Analysis
8	<b>FWS</b> – US Fish and Wildlife Service
9	<b>FY</b> – Fiscal Year
10	<b>GAO</b> – Government Accountability Office
11	<b>GCIS</b> – Global Change Information System
12	<b>GCP</b> – Global Carbon Project
13	<b>GCRA</b> – Global Change Research Act
14	<b>GCRIO</b> – Global Change Research Information Office
15	<b>GDP</b> – Gross Domestic Product
16	<b>GEO</b> – Group on Earth Observations
17	<b>GEWEX</b> – Global Energy and Water Cycle Experiment
18	<b>GHG</b> – Greenhouse Gas
19	<b>GLOBE</b> – Global Learning and Observations to Benefit the Environment
20	<b>GOOS</b> – Global Ocean Observation System
21	<b>GPS</b> – Global Positioning System
22	<b>GRACE</b> – Gravity Recovery and Climate Experiment
23	<b>GRACEnet</b> – Greenhouse Gas Reduction through Agricultural Carbon Enhancement
24	network
25	<b>GSA</b> – General Services Administration
26	<b>GWP</b> – Global Warming Potential
27	<b>HHS</b> – U.S. Department of Health and Human Services
28	<b>HPC</b> – High Performance Computing
29	<b>HUC</b> – Hydrological Unit Code
30	<b>IAM</b> – Integrated Assessment Models
31	<b>IBTrACS</b> – Tropical Cyclone Best Track Data
32	<b>ICCATF</b> – Interagency Climate Change Adaptation Task Force
33	<b>ICLEI</b> – Local Governments for Sustainability
34	<b>ICLUS</b> – Integrated Climate and Land Use Scenarios
35	<b>ICSU</b> – International Council of Science
36	<b>IGBP</b> – International Global Biosphere Program
37	<b>IGFA</b> – International Group of Funding Agencies for Global Change Research
38	<b>IHDP</b> – International Human Dimensions Program
39	<b>INCA</b> – Interagency National Climate Assessment Working Group
40	<b>IOSS</b> – Integrated Ocean Observing System
41	<b>IPCC</b> – Intergovernmental Panel on Climate Change
42	<b>ITEP</b> – Institute for Tribal Environmental Professionals
43	<b>IWG</b> – Interagency Working Group
44	<b>JPSS</b> – Joint Polar Satellite System
45	<b>LCC</b> – Landscape Conservation Cooperative
46	<b>LDCM</b> – Landsat Data Continuity Mission

1	<b>LLC</b> – Limited Liability Corporation
2	<b>LTER</b> – Long-Term Ecological Research
3	<b>LULC</b> – Land Use/Land Cover
4	<b>MATCH</b> - Metadata Access Tool for Climate and Health
5	<b>MODIS</b> – Moderate Resolution Imaging Spectroradiometer
6	<b>NARCCAP</b> – North American Regional Climate Change Assessment Program
7	<b>NAS</b> – National Academy of Sciences
8	<b>NASA</b> – National Aeronautics and Space Administration
9	<b>NCA</b> – National Climate Assessment
10	<b>NCADAC</b> – National Climate Assessment and Development Advisory Committee
11	<b>NCAR</b> – National Center for Atmospheric Research
12	<b>NCCWCS</b> - National Climate Change and Wildlife Science Center
13	<b>NCDC</b> – National Climatic Data Center
14	<b>NCEP</b> – National Center for Environmental Prediction
15	<b>NCO</b> – National Coordination Office
16	<b>NDMC</b> – National Drought Mitigation Center
17	<b>NDVI</b> – Normalized Difference Vegetation Index
18	<b>NEO</b> – National Earth Observations
19	<b>NEON</b> – National Ecological Observatory Network
20	<b>NESDIS</b> – National Environmental Satellite, Data, and Information Service
21	<b>NGDC</b> – National Geophysical Data Center
22	<b>NGO</b> – Non-governmental Organizations
23	<b>NIDIS</b> – National Integrated Drought Information System
24	<b>NIEHS</b> – National Institute of Environmental Health Sciences
25	<b>NIFA</b> – National Institute of Food and Agriculture
26	<b>NIH</b> – National Institutes of Health
27	<b>NOAA</b> – National Oceanic and Atmospheric Administration
28	<b>NOC</b> – National Ocean Council
29	<b>NPOESS</b> – National Polar-orbiting Operational Environmental Satellite System
30	<b>NPS</b> – National Park Service
31	<b>NRC</b> – National Research Council
32	<b>NRCS</b> – Natural Resources Conservation Service
33	<b>NSF</b> – National Science Foundation
34	<b>NSTC</b> – National Science and Technology Council
35	<b>NWS</b> – National Weather Service
36	<b>OAR</b> – Oceanic and Atmospheric Research
37	<b>OCO</b> – Orbiting Carbon Observatory
38	<b>OMB</b> – Office of Management and Budget
39	<b>OSTP</b> – Office of Science and Technology Policy
40	<b>OTA</b> – Office of Technology Assessment
41	<b>PAR</b> – Photosynthetically Active Radiation
42	<b>PCAST</b> – President’s Council of Advisors on Science and Technology
43	<b>PDI</b> – Power Dissipation Index
44	<b>PDSI</b> – Palmer Drought Severity Index
45	<b>PNAS</b> – Proceedings of the National Academies of Science
46	<b>ppm</b> – parts per million

1	<b>QDR</b> - Quadrennial Defense Review
2	<b>REA</b> – Rapid Ecological Assessment
3	<b>RCC</b> – Regional Climate Centers
4	<b>RCP</b> – Representative Concentration Pathways
5	<b>REDD+</b> - Reducing Emissions from Deforestation and Degradation
6	<b>RGGI</b> – Regional Greenhouse Gas Initiative
7	<b>RISA</b> – Regional Integrated Sciences and Assessments
8	<b>SBE</b> – NSF Directorate for Social, Behavioral and Economic Sciences
9	<b>SCAN</b> – Soil Climate Analysis Network
10	<b>SCIIP</b> – Southern Climate Impacts Planning Program
11	<b>SEC</b> – Securities and Exchange Commission
12	<b>SEES</b> – Science, Engineering, and Education for Sustainability
13	<b>SERDP</b> – Strategic Environmental Research and Development Program
14	<b>SGCR</b> – Subcommittee for Global Change Research
15	<b>SNOTEL</b> – Snowpack Telemetry
16	<b>SOCRR</b> - State of the Carbon Cycle Report
17	<b>SFRCCC</b> – Southeast Florida Regional Climate Change Compact
18	<b>SREX</b> – Special Report on Managing the Risks of Extreme Events and Disasters to
19	Advance Climate Change Adaptation
20	<b>SRM</b> – Solar Radiation Management
21	<b>SSREN</b> – Special Report on Renewable Energy Sources and Climate Change Mitigation
22	<b>SSS</b> – Sea Surface Salinity
23	<b>SST</b> – Sea Surface Temperature
24	<b>STEM</b> – Science, Technology, Engineering, and Mathematics
25	<b>TIR</b> – Technical Input Report
26	<b>TSU</b> – Technical Support Unit
27	<b>UCAR</b> – University Corporation for Atmospheric Research
28	<b>UK</b> – United Kingdom
29	<b>UNEP</b> – United Nations Environment Programme
30	<b>UNFCCC</b> – United Nations Framework Convention on Climate Change
31	<b>USACE</b> – U.S. Army Corps of Engineers
32	<b>USAID</b> – U.S. Agency for International Development
33	<b>NPN</b> –National Phenology Network
34	<b>USACE</b> – US Army Corps of Engineers
35	<b>USDA</b> – U.S. Department of Agriculture
36	<b>USFS</b> – U.S. Forest Service
37	<b>USGCRP</b> – U.S. Global Change Research Program
38	<b>USGS</b> – U.S. Geological Society
39	<b>VIC</b> – Variable Infiltration Capacity
40	<b>VMT</b> – Vehicle Miles Traveled
41	<b>WAPA</b> - Western Area Power Administration
42	<b>WESTFAS</b> – Western Federal Agency Support Team
43	<b>WCRP</b> – World Climate Research Programme
44	<b>WGA</b> – Western Governor’s Association
45	<b>WSWC</b> – Western States Water Council
46	<b>WMO</b> – World Meteorological Organization